

Sanitel Med



FAMHP

Import Medicinal Delivery Notification

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Document history

Version	Date	Author	Remarks
0.1	10/09/2015	Jean-Marc De Schrijver	Initial Version
16.01.00	15/09/2015	Jean-Marc De Schrijver	Reviewed by G. Sluydts and S. Selvaraj
16.01.01	12/10/2015	Greetje Sluydts	- SEVERAL CHANGES
16.01.02	24/02/2016	Greetje Sluydts	- SRUN values changed and added - PHFM: value added
16.01.03	04/04/2016	Sudhagar Selvaraj	- Translations added - Output xml – example added
GW	20/7/16	Gudrun Wyntin	Added “OnBehalf” functionality in chapter 2 Added several examples in 3.2
GW	20/02/2020	Gudrun Wyntin	Noted that the two codes: “G/KGK” and “IU/KK” of the table SRUN are not in use
GW	1/09/2021	Gudrun Wyntin	Addition of extra animal types and categories
GW	30/06/2023	Gudrun Wyntin	SCR 1100561: The usage of 'kp medicated feed' and 'ppm' in a medial feed notification leads to errors. So it isn't possible to use this way to define the amount of medical feed.
GW	30/06/2023	Gudrun Wyntin	1115965: link between ANCT and PTGY 1111124: Diagnosis is a required field & new list of diagnosis
GW	18/10/2024	Gudrun Wyntin	Added chema design conventions

1. Schema design conventions

As there is no Industry XML-standard for this type of information, a number of dedicated schema's are defined. We tried to make this structure as consistent as possible and have made the following conventions.

The following interface design conventions were followed:

- Full Schema definition in English
- Schema names + Structure names + Steering Attributes: Camel Case, No abbreviations
- Field Names:
 - o Abbreviation Based
 - o Upper Case
 - o 4 character abbreviations refer to a Coding Schema's or to a main Entity
 - E.g. ANTP_CDE denotes a code from the coding schema ANTP – Animal Type
 - E.g. FCLT_CDE refers to the code/id/main reference number of a Facility.
 - o Rest 3 (2) character abbreviations
 - o No indication of the type string / number except for dates (_DTE) or Booleans (_FLG)
 - o Fields as short as possible without jeopardizing readability
- Coding Schema's optimized for 'maximal stability'
 - o Coding schema's are NOT included in the schema (new codes could be added without change in the interface)
 - o Minimal validation rules in the schema (no input length definitions, no mandatory fields,...) -> All business logic on the Server
 - o Only standard data types: string, decimal (decimal point) , datetime
 - DateTime = YYYY-MM-DDTHH:MM:SS.FFF UCT –
 - Examples: 2007-03-01, 2007-03-01T10:04:12,
- Best practices
 - o Cardinality and structure complexity
 - 0 to limited rather than minimal 1 and maximal 3
 - Minimal Depth and Redundancy
 - Similar information requirements – Similar field names
 - o Import Interfaces
 - Standardized interaction result
 - o Export Interfaces
 - Request = Single Line Search Criteria => but all criteria freely combinable
 - Result = list-result
 - o Standardized Header Info
 - All Headers
 - **User** – Sanitel/Sanitel-Med login of the user whose import is made – this user needs to have the adequate permissions as if he would register this action in the online
 - **SecurityToken** – Sanitel/Sanitel-Med login of the user whose import is made. For SanitelMed
 - Extra Header Info Export Results

- Return Code – can be negative in case the search failed e.g. missing / incorrect search criteria ... 0 means all OK. A Return code 999 will mean that the result is truncated to the first 1000 results
- Return Message – specification why the search failed

2. General

Sanitel-Med “MedicinalDeliveryNotificationImport” web service that allows:

- to create a new Medicinal Document and one or more of its Medicinal Delivery Notifications

or

- to create or update one or more Medicinal Delivery Notifications for an existing Medicinal Document

The structure of the import XML contains :

- A document part, containing the document data
- One or more Medicinal Notification parts, containing the details about the Medicinal Notifications for the Document at hand , that need to be added or changed

As there are 2 types of data, there will be operations performed on 2 levels.

1. Document level:

The Document Identifier is an attribute in the Documentation part of the XML.

In case the Document Identifier is not filled: A new Medicinal Document is to be created, based on all delivered data.

In case the Document Identifier is filled: No new Medicinal Document is to be created, only actions on Notification-level are to be performed.

2. Medicinal Delivery Notification level

The Medicinal Delivery Notification Identifier is an attribute in every Notification part of the XML.

In case the Medicinal Delivery Notification is to be updated (including cancel), the Medicinal Delivery Notification Identifier is mandatory.

3. Import parameters

In the below table the following abbreviations are used :

- MP – Medicinal Product from the FAGG list
- SDP – Self Defined Product
- MF – Medicated Feed

The import parameters for the Import Medicinal Delivery Notification web service are as below:

```
<MedicinalDeliveryNotificationImport SecurityToken="xxx" User="yyy" UserLanguage="NL"
XML_USER_NAME="zzz"
xmlns=http://SanitelMed.EAI/SanitelMedRepository/SanitelMedServices/MedicinalDeliveryNotificationImportSchema>
```

Field	Description	Allowed Values	Mandatory/Optional
xmlns		See above	Mandatory
User	Login of user		Mandatory
SecurityToken	Password of user		Mandatory
UserLanguage	Language of user		Optional, used for error messages
XML_USER_NAME	Name of the XML user importing the data via the web service.		Optional, but recommended
OnBehalfRole	Used for the Service user	"VET" or "FARM"	
OnBehalfEntity	The veterinary code or farmer-facility code on whose behalf the service user creates/updates a notification		
Section : DocumentInformation (Occurs 1)			

Field	Description	Allowed Values	Mandatory/Optional
MEDM_ID	Document Identifier		Mandatory in case of update actions on notifications within an existing document. Left blank in case of creation of the document
MEDM_DOC_NBR	Document number		Mandatory in case the MEDM_ID is not filled. Must be unique per Veterinary Code.
MEDM_MEDT_CDE	Document type	See MEDT	Mandatory in case the MEDM_ID is not filled
MEDM_DOC_DTE	Document date		Mandatory in case the MEDM_ID is not filled
MEDM_PATY_CDE	Veterinary Code		Mandatory in case the MEDM_ID is not filled
MEDM_FCLT_CDE	Facility Code		Mandatory in case the MEDM_ID is not filled
MEDM_EXT_REF_NBR	External reference number		Optional
Section Medicinal Delivery Notification (Occurs 1 to N)			
NODD_NOTF_ID	Notification Identifier		Mandatory in case of update actions Left blank in case of creation
NODD_NOTF_ACT	Notification action	See Notification Action	Mandatory
NODD_ANTP_CDE	Animal Type	See ANTP	Mandatory
NODD_SNUN_CDE	Sanitary Unit Code		Mandatory
NODD_ANCT_CDE	Animal Category	See ANCT	Mandatory
NODD_STB_ID_PEN	Stable(s) – ID Pen(s)		Optional
NODD_HSB_CON	Husbandry conditions – Biosecurity measures		Optional
NODD_ANM_BAT_ID	Animal Number / Animal batch ID		Optional

Field	Description	Allowed Values	Mandatory/Optional
NODD_ANM_CNT	Number of animals		Optional
NODD_ANM_WGT	Mean weight per animal		Optional
NODD_ANM_AGE	Age		Optional
NODD_AGE_TMUN_CDE	Age unit	See TMUN	Optional
NODD_FRT_DIG_PTGY_CDE	First diagnosis	See PTGY	Optional-Mandatory
NODD_DIG_CMT	Diagnosis comments		Optional
NODD_SLF_DFN_PRD_FLG	Self-defined Flag	1 or 0	Mandatory in case of a SelfDefinedmedicalProduct
NODD_CAD_FLG	Cascade flag	1 or 0	Optional
NODD_IMP_FLG	Import flag	1 or 0	Optional
MEPF_ACT_FAV_FLG	Favorite flag	1 or 0	Optional, creates a favorite medicine
NODD_TRT_STA_DTE	Treatment Start date		Optional
NODD_TRT_DUR	Treatment Duration		Optional
NODD_PRD_BAT_STA_DTE	Production Batch Start date		Optional
NODD_SLG_DTE	Slaughter date		Optional
NODD_ADM_QTY	Veterinary delivered or administered quantity		Mandatory in case document type is "Prescription" or "delivery and administration document" and none of these attributes are filled : "Medicated feed weight" nor "Usage quantity"

Field	Description	Allowed Values	Mandatory/Optional
NODD_MED_FED_WGT	Medicated Feed Weight		Optional but : Mandatory in case document type is "Prescription Medicated Feed" and all of these attributes are not filled : "Veterinary Delivered or Administered Quantity" and "Kg Premix"
NODD_PRX_PPM	Premix Ppm		Optional but : Mandatory in case "Medicated Feed Weight" is filled Empty in case "Medicated Feed Weight" is empty
NODD_PRX_KG	Kg Premix		Mandatory in case document type is "Prescription Medicated Feed" and none of the following attributes are filled : "Veterinary Delivered or Administered Quantity" nor "Usage Quantity"
NODD_USGU_QTY	Usage Quantity		Mandatory in case document type is "Prescription Medicated Feed" and none of the following attributes are filled : "Veterinary Delivered or Administered Quantity" nor "Medicated feed weight" and an Usage Quantity Unity exists: see FAGGLIJST. Can't be left empty
NODD_VET_ADM_QTY	Veterinary administered quantity		Optional
NTHS_CMN	Notification History Comment		Optional
Section Notification Comment in Section Medicinal Delivery Notification			
NOCO_CMN	Notification Comment		Optional
Section Medicinal Product in Section Medicinal Delivery Notification (Occurs 1)			

Field	Description	Allowed Values	Mandatory/Optional
MEPR_NAM	Medicinal Product Name (SDP only)		Optional but Mandatory in case of SDP
MEPR_RGN_HLR	Registration holder (SDP only)		Optional
MEPR_REG_NBR	Registration number (SDP only)	Max. 20 char.	Optional but Mandatory in case of SDP
MEPR_PAK_SIZ_ID	Packsize ID (MP only)		Mandatory in case of MP Not filled in case of SDP
MEPR_PHFM_CDE	Pharmaceutical form (SDP only)	See PHFM	Optional but Mandatory in case of SDP
MEPR_PAK_QTY	Packsize quantity (SDP only)		Optional but Mandatory in case of SDP
MEPR_PKUN_CDE	Packsize Unit (SDP only)	See PKUN	Optional but Mandatory in case of SDP
MEPR_WDR_PRD_SDP	Withdrawal period (SDP only)		Optional
Section Ingredient Section Medicinal Product for SelfDeinedmedicalProducts (Occurs 0 to 4)			
MEPI_CDE	Ingredient Code	See MEIG (refer MEIG_CDE in the attached excel in section MEIG)	Mandatory in case of SDP
MEPI_STN_QTY	Strength of ingredient quantity		Mandatory in case of SDP
MEPI_SRUN_CDE	Strength of ingredient unit	See SRUN	Mandatory in case of SDP

PS: When a trusted data provider obtains a service-login in Sanitel and also is registered as a trusted data provider in Sanitel-Med (in the Interfacing Services web config file), it is supposed that this user has a contract between Sanitel and himself, allowing him to register in Sanitel-Med on behalf of anyone else (veterinary or farmer). Such a login should be created by FAVV and then by DXC put into the Interfacing Services web config file as FAVV doesn't have access to that file.

4. Layout

5. 3.1 Request:

```
POST /FAMHP.SanitelMed.WebServices/SanitelMedServices.aspx HTTP/1.1
Host: localhost
Content-Type: text/xml; charset=utf-8
Content-Length: length
```

SOAPAction:
 "http://SanitelMed.EAI/SanitelMedRepository/SanitelMedServices/ImportMedicinalDeliveryNotification"

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ImportMedicinalDeliveryNotification
xmlns="http://SanitelMed.EAI/SanitelMedRepository/SanitelMedServices/MedicinalDeliveryNotification/Request">
      <MedicinalDeliveryNotificationImport User="string"
SecurityToken="string" OnBehalfRole="string" OnBehalfEntity="string"
UserLanguage="string" XML_USER_NAME="string"
xmlns="http://SanitelMed.EAI/SanitelMedRepository/SanitelMedServices/MedicinalDeliveryNotificationImportSchema">
        <DocumentInformation>
          <MEDM_ID>long</MEDM_ID>
          <MEDM_DOC_NBR>string</MEDM_DOC_NBR>
          <MEDM_MEDT_CDE>string</MEDM_MEDT_CDE>
          <MEDM_DOC_DTE>dateTime</MEDM_DOC_DTE>
          <MEDM_PATY_CDE>string</MEDM_PATY_CDE>
          <MEDM_FCLT_CDE>string</MEDM_FCLT_CDE>
          <MEDM_EXT_REF_NBR>string</MEDM_EXT_REF_NBR>
        </DocumentInformation>
        <MedicinalDeliveryNotification>
          <NODD_NOTF_ID>long</NODD_NOTF_ID>
          <NODD_NOTF_ACT>string</NODD_NOTF_ACT>
          <NODD_ANTP_CDE>string</NODD_ANTP_CDE>
          <NODD_SNUN_CDE>string</NODD_SNUN_CDE>
          <NODD_ANCT_CDE>string</NODD_ANCT_CDE>
          <NODD_ANM_CNT>decimal</NODD_ANM_CNT>
          <NODD_ANM_AGE>decimal</NODD_ANM_AGE>
          <NODD_AGE_TMUN_CDE>string</NODD_AGE_TMUN_CDE>
          <NODD_ANM_WGT>decimal</NODD_ANM_WGT>
          <NODD_STB_ID_PEN>string</NODD_STB_ID_PEN>
          <NODD_HSB_CON>string</NODD_HSB_CON>
          <NODD_ANM_BAT_ID>string</NODD_ANM_BAT_ID>
          <NODD_FRT_DIG_PTGY_CDE>string</NODD_FRT_DIG_PTGY_CDE>
          <NODD_DIG_CMT>string</NODD_DIG_CMT>
          <NODD_SLF_DFN_PRD_FLG>boolean</NODD_SLF_DFN_PRD_FLG>
          <NODD_CAD_FLG>boolean</NODD_CAD_FLG>
          <NODD_IMP_FLG>boolean</NODD_IMP_FLG>
          <MEPF_ACT_FAV_FLG>boolean</MEPF_ACT_FAV_FLG>
          <NODD_TRT_STA_DTE>dateTime</NODD_TRT_STA_DTE>
          <NODD_TRT_DUR>int</NODD_TRT_DUR>
          <NODD_PRD_BAT_STA_DTE>dateTime</NODD_PRD_BAT_STA_DTE>
          <NODD_SLG_DTE>dateTime</NODD_SLG_DTE>
          <NODD_ADM_QTY>decimal</NODD_ADM_QTY>
          <NODD_MED_FED_WGT>decimal</NODD_MED_FED_WGT>
          <NODD_PRX_PPM>decimal</NODD_PRX_PPM>
          <NODD_PRX_KG>decimal</NODD_PRX_KG>
          <NODD_VET_ADM_QTY>decimal</NODD_VET_ADM_QTY>
          <NTHS_CMN>string</NTHS_CMN>
        </MedicinalDeliveryNotification>
      </MedicinalDeliveryNotificationImport>
    </ImportMedicinalDeliveryNotification>
  </soap:Body>
</soap:Envelope>
```

```

<MedicinalProduct>
  <MEPR_NAM>string</MEPR_NAM>
  <MEPR_RGN_HLR>string</MEPR_RGN_HLR>
  <MEPR_REG_NBR>string</MEPR_REG_NBR>
  <MEPR_PAK_SIZ_ID>string</MEPR_PAK_SIZ_ID>
  <MEPR_PHF_M_CDE>string</MEPR_PHF_M_CDE>
  <MEPR_PAK_QTY>decimal</MEPR_PAK_QTY>
  <MEPR_PKUN_CDE>string</MEPR_PKUN_CDE>
  <MEPR_WDR_PRD_SDP>string</MEPR_WDR_PRD_SDP>
</Ingredient>
<Ingredient>
  <MEPI_CDE>string</MEPI_CDE>
  <MEPI_STN_QTY>decimal</MEPI_STN_QTY>
  <MEPI_SRUN_CDE>string</MEPI_SRUN_CDE>
</Ingredient>
<Ingredient>
  <MEPI_CDE>string</MEPI_CDE>
  <MEPI_STN_QTY>decimal</MEPI_STN_QTY>
  <MEPI_SRUN_CDE>string</MEPI_SRUN_CDE>
</Ingredient>
</MedicinalProduct>
<NotificationComment>
  <NOCO_CMN>string</NOCO_CMN>
</NotificationComment>
</MedicinalDeliveryNotification>
<MedicinalDeliveryNotification>
  <NODD_NOTF_ID>long</NODD_NOTF_ID>
  <NODD_NOTF_ACT>string</NODD_NOTF_ACT>
  <NODD_ANTP_CDE>string</NODD_ANTP_CDE>
  <NODD_SNUN_CDE>string</NODD_SNUN_CDE>
  <NODD_ANCT_CDE>string</NODD_ANCT_CDE>
  <NODD_ANM_CNT>decimal</NODD_ANM_CNT>
  <NODD_ANM_AGE>decimal</NODD_ANM_AGE>
  <NODD_AGE_TMUN_CDE>string</NODD_AGE_TMUN_CDE>
  <NODD_ANM_WGT>decimal</NODD_ANM_WGT>
  <NODD_STB_ID_PEN>string</NODD_STB_ID_PEN>
  <NODD_HSB_CON>string</NODD_HSB_CON>
  <NODD_ANM_BAT_ID>string</NODD_ANM_BAT_ID>
  <NODD_FRT_DIG_PTGY_CDE>string</NODD_FRT_DIG_PTGY_CDE>
  <NODD_DIG_CMT>string</NODD_DIG_CMT>
  <NODD_SLF_DFN_PRD_FLG>boolean</NODD_SLF_DFN_PRD_FLG>
  <NODD_CAD_FLG>boolean</NODD_CAD_FLG>
  <NODD_IMP_FLG>boolean</NODD_IMP_FLG>
  <MEPF_ACT_FAV_FLG>boolean</MEPF_ACT_FAV_FLG>
  <NODD_TRT_STA_DTE>dateTime</NODD_TRT_STA_DTE>
  <NODD_TRT_DUR>int</NODD_TRT_DUR>
  <NODD_PRD_BAT_STA_DTE>dateTime</NODD_PRD_BAT_STA_DTE>
  <NODD_SLG_DTE>dateTime</NODD_SLG_DTE>
  <NODD_ADM_QTY>decimal</NODD_ADM_QTY>
  <NODD_MED_FED_WGT>decimal</NODD_MED_FED_WGT>
  <NODD_PRX_PPM>decimal</NODD_PRX_PPM>
  <NODD_PRX_KG>decimal</NODD_PRX_KG>
  <NODD_VET_ADM_QTY>decimal</NODD_VET_ADM_QTY>
  <NTHS_CMN>string</NTHS_CMN>
</MedicinalProduct>
  <MEPR_NAM>string</MEPR_NAM>

```

```

<MEPR_RGN_HLR>string</MEPR_RGN_HLR>
<MEPR_REG_NBR>string</MEPR_REG_NBR>
<MEPR_PAK_SIZ_ID>string</MEPR_PAK_SIZ_ID>
<MEPR_PHFМ_CDE>string</MEPR_PHFМ_CDE>
<MEPR_PAK_QTY>decimal</MEPR_PAK_QTY>
<MEPR_PKUN_CDE>string</MEPR_PKUN_CDE>
<MEPR_WDR_PRD_SDP>string</MEPR_WDR_PRD_SDP>
<Ingredient>
  <MEPI_CDE>string</MEPI_CDE>
  <MEPI_STN_QTY>decimal</MEPI_STN_QTY>
  <MEPI_SRUN_CDE>string</MEPI_SRUN_CDE>
</Ingredient>
<Ingredient>
  <MEPI_CDE>string</MEPI_CDE>
  <MEPI_STN_QTY>decimal</MEPI_STN_QTY>
  <MEPI_SRUN_CDE>string</MEPI_SRUN_CDE>
</Ingredient>
</MedicinalProduct>
<NotificationComment>
  <NOCO_CMN>string</NOCO_CMN>
</NotificationComment>
</MedicinalDeliveryNotification>
</MedicinalDeliveryNotificationImport>
</ImportMedicinalDeliveryNotification>
</soap:Body>
</soap:Envelope>
    
```

6. 3.2 Examples



XmlImport_TST_Fagg_208.xml

Create several notifications in a new document:



XmlImport_TST_Fagg_206_extra_not.xml

Change an existing document: add extra notifications



XMLImport_TST_vb_C AN.xml



209.refused2enter.OK

Change an existing document: change the status

XmlImport_TST_gnw_
101.belpork_c.xml**Create a document on behalf of:**

7. Export parameters

For the success response, the following parameters are displayed:

<StatusCode>Success</StatusCode>

<Summary>Import successful: Medicinal Delivery Notification Importing Medicinal Delivery Notification information is Imported.</Summary>

<Reference>Document ID:516840;Notification ID:1459799280</Reference>

For the failure response:

<StatusCode>Error</StatusCode>

Syntaxerror: *<Summary>There is an error in XML document (7, 13).</Summary>*

Example logical error: *<Summary>Document Number Already Exists</Summary>*

8. Structure



output.xml

9. Examples



Output_example.xml

|

If there is validation error in the response the following parameters are displayed:



output.xml

1. User Code Values

10.MEIG



MEIG - Ingredient
code.xls

11.ANTP

AnimalType	EN	NL	FR	DE
BIRD	Bird	Loopvogel	Ratite	Laufvogel
BOV	Bovine	Rund	Bovin	Rind
CAMEL	Camels	Kameelachtigen	Camélidés	Kameliden
DEER	Deer	Gekweekte Hertachtigen	Cervidé d'élevage	Hirsch
GOAT	Goat	Geit	Caprin	Ziege
PIG	Pigs	Varken	Porcin	Schwein
PLTR	Poultry	Pluimvee	Volaille	Geflügel
RBT	Rabbit	Konijn	Lapin	Kaninchen
SHP	Sheep	Schaap	Ovin	Schaf

12.ANCT

ANTP	ANCT	EN	NL	FR	DE
BIRD	BIL15	Ostrich Breed (> 15 months)	Struisvogel Fok (>15 maanden)	Autruche Elevage (> 15 mois)	Strausse Zucht (> Monate)
BIRD	BIF15	Ostrich Meat (< 15 months)	Struisvogel Vlees (<15 maanden)	Autruche Viande (< 15 mois)	Strausse (<15 Monate)
BIRD	BIOF	Other Food Producing	Andere Voedselproducerend	Autres destinés à la consommation	Andere Lebensmittelerzeugend

BIRD	BION	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend
BOV	BOVAB	Bovine adult BEEF	Rund volwassen Vlees	Bovin adulte viande	Ausgewachsene Fleischrinder
BOV	BOVAD	Bovine adult DAIRY	Rund volwassen melk	Bovin adulte lait	Ausgewachsene Milchrinder
BOV	VECLF	Vealcalf	Vleeskalf	Veaux de boucherie	Schlachtkalb
BOV	BO03F	Veal (0 to 3 months) Meat	Kalf (0 tot 3 maanden) Vlees	Veau Viande (moins de 3 mois)	Kalb Fleisch (weniger als 3 Mt. alt)
BOV	BO03M	Veal (0 to 3 months) Milk	Kalf (0 tot 3 maanden) Melk	Veau Lait (moins de 3 mois)	Kalb Milch (weniger als 3 Mt. alt)
BOV	BO38F	Veal (3 to 8 months) Meat	Kalf (3 tot 8 maanden) Vlees	Veau Viande (entre 3 et 8 mois)	Kalb Fleisch (zw.8 u. 24 Mt.)
BOV	BO38M	Veal (3 to 8 months) Milk	Kalf (3 tot 8 maanden) Melk	Veau Lait (entre 3 et 8 mois)	Kalb Milch (zw. 8 und 24 Mt.)
BOV	BO24F	Young stock Meat (8-24 months)	Jongvee Vlees (8-24 maanden)	Jeunes Bovins Viande (entre 8 et 24 mois)	Rinderjungvieh Fleisch (zw.8 u. 24 Mt.)
BOV	BO24B	Young stock Breed (8-24 months)	Jongvee Fok (8-24 maanden)	Jeunes Bovins d'élevage (entre 8 et 24 mois)	Rinderjungvieh Zucht (zw. 8 und 24 Mt.)
BOV	BOOF	Other Food Producing	Andere Voedselproducerend	Autres destinés à la consommation	Andere Lebensmittelerzeugend
BOV	BOONF	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend
CAMEL	CMLF	Food Producing	Voedselproducerend	Destinés à la consommation	Andere Lebensmittelerzeugend
CAMEL	CMLN	Non-Food Producing	Niet-voedselproducerend	Non destinés à la consommation	Andere nicht Lebensmittelerzeugend
DEER	DEER	Deer	Hert	Cervidé	Hirsch
DEER	DEERN	Non-Food Producing	Niet-voedselproducerend	Non destinés à la consommation	Andere nicht Lebensmittelerzeugend
GOAT	GOATF	Goat Meat	Geit vlees	Chèvre Viande	Ziege Fleisch
GOAT	GOATM	Goat Milk	Geit melk	Chèvre Lait	Ziege Milch

GOAT	GOATN	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend
PIG	PIGLU	Piglet unweaned	Big niet gespeend	Porcelet non sevré	Nicht abgesetzte Ferkel
PIG	PIGLW	Piglet weaned (untill 10 weeks)	Big gespeend (tot 10 weken)	Porcelet sevré (au 10 semaines)	Abgesetzte Ferkel (bis 10 Wochen)
PIG	PIGB	Pigs for Breeding	Fokvarkens	Porcs d'élevage	Zuchtschweine
PIG	PIGF	Pigs for Fattening (from 10 weeks)	Vleesvarkens (vanaf 10 weken)	Porcs d'engrais (depuis 10 semaines)	Mastschweine (ab 10 Wochen)
PIG	PIOF	Other Food Producing	Andere Voedselproducerend	Autres destinés à la consommation	Andere Lebensmittelerzeugend
PIG	PION	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend
PLTR	BROIR	Broiler	Vleeskip	Poulet de chair	Masthähnchen
PLTR	LAYIH	Laying hen	Legkip	Poule pondeuse	Legehennen
PLTR	POEGG	Hatching eggs	Broedeieren	Œufs à couvrir	Bruteiern
PLTR	POCHK	Day-old chicks	Eendagskuikens	Poussin d'un jour	Eintagsküken
PLTR	POC01	Chicken Rearing - Propagation - Selection Lay	Kip Opfok - vermeerdering - selectie Leg	Poulet Elevage – reproduction - sélection Ponte	Huhn Zucht - Vermehrung - Selektion Eierlegen
PLTR	POC02	Chicken Rearing - Propagation - Selection Meat	Kip Opfok - vermeerdering - selectie Vlees	Poulet Elevage – reproduction - sélection Chair	Huhn Zucht - Vermehrung - Selektion Fleisch
PLTR	POC03	Chicken Propagation - Selection Lay	Kip vermeerdering - selectie Leg	Poulet reproduction - sélection Ponte	Huhn Vermehrung - Selektion Eierlegen
PLTR	POC04	Chicken Propagation - Selection Meat	Kip vermeerdering - selectie Vlees	Poulet reproduction - sélection Chair	Huhn Vermehrung - Selektion Fleisch
PLTR	POC05	Chicken Rearing - Lay	Kip opfok - Leg	Poulet Elevage – ponte	Huhn Zucht - Eierlegen
PLTR	POT01	Turkey Breed	Kalkoen Fok	Dinde Elevage	Pute Zucht
PLTR	POT02	Turkey Meat	Kalkoen Vlees	Dinde Viande	Pute Fleisch
PLTR	POD01	Duck	Eend	Canard	Ente

PLTR	POG01	Goose	Gans	Oie	Gans
PLTR	POP01	Pigeon (Food Producing)	Duif (voedselproducerend)	Pigeon (production de viande)	Taube (Lebensmittel liefernde)
PLTR	POOF	Other Food Producing	Andere Voedselproducerend	Autres destinés à la consommation	Andere Lebensmittelerzeugend
PLTR	POON	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend
RBT	RBTB	Rabbit Breed	Konijn fok	Lapin Elevage	Kaninchen Zucht
RBT	RBTB	Rabbit Meat	Konijn vlees	Lapin de chair	Kaninchen Mast
SHP	SHPF	Sheep Meat	Schaap vlees	Mouton Viande	Schaf Fleisch
SHP	SHPM	Sheep Milk	Schaap melk	Mouton Lait	Schaf Milch
SHP	SHPON	Other Non-Food Producing	Andere Niet-voedselproducerend	Autres non destinés à la consommation	Andere nicht Lebensmittelerzeugend

13.MEDT

CODE	DESCRIPTION_EN	DESCRIPTION_NL	DESCRIPTION_FR	DESCRIPTION_DE
DELAD	Delivery and Administration Document	Toedienings - en verschaaffingsdocument	Document d'administration et de fourniture	Dokument der Abgabe und Verschreibung
PRESN	Prescription	Voorschrift	Precription	Verschreibung
PREMF	Prescription Medicated Feed	Voorschrift gemedicineerd voeder	Prescription des aliments médicamenteux	Verschreibung der Arzneifuttermittel

! the value of the MEDM_DOC_NBR must be unique for the Veterinary.

! The MEDM_DOC_NBR of a prescription for a medicine or medicated feed most start with a 0 for a vet. in Flanders, 1 for a vet in Wallonie and followed by the ordernumber. E.g. 12635 are the starting characters of a prescription of a Wallon vet. having the ordernumber 2635.

14.TMUN

CODE	DESCRIPTION_EN	DESCRIPTION_NL	DESCRIPTION_FR	DESCRIPTION_DE
DAY	Day	Dag	Jour	Tag
MONT	Month	Maand	Mois	Monat
WEEK	Week	Week	Semaine	Woche
YEAR	Year	Jaar	Année	Jahr

15.PHFM

CODE	DESCRIPTION_EN	DESCRIPTION_NL	DESCRIPTION_FR	DESCRIPTION_DE
BOLUS	Bolus	Bolus	Bolus	Bolus
INJ	Injection	Injectie	Injection	Injektion
INTRA	Intramammary	Intramammair	Intramammaire	Intramammär
INRDC	Intramammary dry cow treatment	Droogzet therapie	Tarissement	Intramammär Trockenstellen
INTRP	Intrauterine preparations	Intra uterien preparaat	préparation intra utérine	Formulierung zur intrauterinen Anwendung
NODEF	Not Defined			
ORLPS	Oral pasta	Orale pasta	Pâte orale	Pasta zum Einnehmen
ORLPR	Oral powder	Oraal poeder	Poudre orale	Pulver zum Einnehmen
ORLS	Oral solution	Orale oplossing	Solution orale	Lösung zum Einnehmen
PRMIX	Premix	Premix	Prémix	Vormischung
TABL	Tablets, capsules	Tablet, capsule	Comprimé , capsule	Tabletten, Kapsel

16.PKUN

CODE	DESCRIPTION_EN	DESCRIPTION_NL	DESCRIPTION_FR	DESCRIPTION_DE
G	G	G	G	g
KG	KG	KG	KG	kg
L	L	L	L	l
MG	MG	mg	mg	mg
ML	ML	ml	ml	ml

PIECP	PIECE	STUK	Pièce	Stück
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17.SRUN

CODE	DESCRIPTION_EN	DESCRIPTION_NL	DESCRIPTION_FR	DESCRIPTION_DE
G/KGK	G/KG	G/KG	G/KG	g/kg! not in use!
G/L	G/L	G/L	G/L	g/l
G/PIE	G/PIECE	G/PIECE	G/PIECE	g/Stück
IU	IU			
IU/G	IU/G	IU/G	IU/G	iu/g
IU/KK	IU/KG	IU/KG	IU/KG	iu/kg not in use!
IU/ML	IU/ML	IU/ML	IU/ML	iu/ml
IUPCE	IU/PIECE	IU/PIECE	IU/PIECE	iu/Stück
MG	MG			
MG/G	MG/G			
MG/MG	MG/MG			
MG/ML	MG/ML			
MG/PP	MG/PIECE	MG/PIECE	MG/PIECE	mg/Stück
NODEF	Not Defined			
µG/ML	µG/ML			

18.PTGY

Code Sanitel-Med	Pathologie NL	Diagnostique FR	Diersoort/ Espèce Animal
ALGSA	Systemische aandoeningen	Troubles systémiques	Alle diersoorten. / Toutes les espèces.
ADSEN	Ademhalingsaandoeningen	Troubles respiratoires	Alle diersoorten. / Toutes les espèces.
OOGPM	Oogproblemen	Troubles oculaires	Alle diersoorten. / Toutes les espèces.
ZENTU	Zenuwstoornissen	Troubles nerveux	Alle diersoorten. / Toutes les espèces.
LOCAN	Locomotorische aandoeningen	Troubles locomotrices	Alle diersoorten. / Toutes les espèces.

SPIJN	Spijverteringsstoornissen	Troubles digestifs	Alle diersoorten. / Toutes les espèces.
HUIDN	Huidaandoeningen	Troubles de la peau	Alle diersoorten. / Toutes les espèces.
PERBG	Peri-operatieve antibacteriële behandeling	Traitements péri-opératoires	Alle diersoorten. / Toutes les espèces.
DROE	Droogzetherapie	Tarissement	Alle diersoorten. / Toutes les espèces.
MAST	Mastitis	Mammite	Alle zoogdieren, dus alle diersoorten behalve PLTR en BIRD / Les mammifères, donc tous les espèces sauf PLTR et BIRD
UROAN	Urogenitale aandoeningen	Maladies urogénitales	Alle diersoorten. / Toutes les espèces.

19. Notification Action

! A new notification must always get the action 'SENT', and thus the status of the notification becomes 'Entered'. An interfaced notification can't have the status 'Draft'.

CODE	DESCRIPTION
SENT	Set to Entered
SVE	Save, no change of actual status
APT	Accept
REF	Refuse
CAN	Cancel

20. New : Usage Unit (USGU)

Attribute	Technical name	Type	Nullable	Comment
Usage Unit Quantity	NODD_USGU_QTY	Num 10,2	yes	Quantity of medicine in 'usage units'. E.g. is the medicine an injection, then the

				usage unit is ML . Instead of having the ADM_QTY in the .xml the field 'USGU_QTY' can be used. Example: injection of 250ml. Vet uses 50ml. Or: ADM_QTY=0.2 Or USGU_QTY=50 is used.
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